

ÖZGEÇMİŞ

1. Adı Soyadı : **Hasan AKSOY**
2. Doğum Tarihi : **04 / 10 / 1976**
3. Unvanı : **DOKTOR ÖĞRETİM ÜYESİ**
4. Öğrenim Durumu : **Doktora**
5. Çalıştığı Kurum : **Türk Hava Kurumu Üniversitesi**

Derece	Alan	Üniversite	Yıl
Lisans	Elektrik-Elektronik Mühendisliği	Halep Üniversitesi / Suriye	1998
Y. Lisans	Mikroelektronik ve Microsystems devreleri tasarımı.	Paul Sabatier Üniversitesi. (TOULOUSE III) / FRANSA	2003
Doktora	Mikroelektronik ve Microsystems devreleri tasarımı.	Paul Sabatier Üniversitesi. (TOULOUSE III) / FRANSA	2007

5. Akademik Unvanlar

Yardımcı Doçentlik Tarihi : **04-09-2008**

6. Yönetilen Yüksek Lisans ve Doktora Tezleri

6.1. Yüksek Lisans Tezleri

1. AL-OBAIDI ALAA MAJEED, (2017). Linear prediction coding and wavelet based multi heart diseases classification via SVM, Türk Hava Kurumu Üniversitesi->Fen Bilimleri Enstitüsü->Elektrik-Elektronik Mühendisliği Anabilim Dalı
2. AL - QARAGHULI IHAB AHKAM KAMIL, (2017). LabView based, simulation and automatic analysis of ECG signal using FPGA, Türk Hava Kurumu Üniversitesi->Fen Bilimleri Enstitüsü->Elektrik-Elektronik Mühendisliği Anabilim Dalı
3. ALSHEAR OMAR SAADI FATHI, (2017). Automatic feature extraction of eeg signals using neural networks and time-frequency analysis, Türk Hava Kurumu Üniversitesi->Fen Bilimleri Enstitüsü->Elektrik-Elektronik Mühendisliği Anabilim Dalı
4. ELZAWKI MOHAMED, (2017). Iris segmentation and extraction in eye images using Winner filter, Türk Hava Kurumu Üniversitesi->Fen Bilimleri Enstitüsü->Diğer
5. KHAZRAJI OMAR TALIB, (2017). Development of a dual axis solar cells tracking prototype based on a PVC foam material and AVR microcontrollers, Türk Hava Kurumu Üniversitesi->Fen Bilimleri Enstitüsü->Elektrik-Elektronik Mühendisliği Anabilim Dalı
6. KAYA YASİN BURAK, (2016). Ku band Beacon sinyalinin hava şartlarına göre incelenmesi (yağmur etkisi), Türk Hava Kurumu Üniversitesi->Fen Bilimleri Enstitüsü->Elektrik-Elektronik Mühendisliği Anabilim Dalı
7. HAMEED GHASSAN ALI HAMEED, (2016). Development of an anti-collision protocol for RFID based students' attendance system: A combination of DFSA with predefined BFSFA, Türk Hava Kurumu Üniversitesi->Fen Bilimleri Enstitüsü->Elektrik-Elektronik Mühendisliği Anabilim Dalı

7. Projeler

- 2004 - 2007: SENSATION IST507231, **Funded by European Union**, “Advanced Sensor development for attention, stress, vigilance and sleep”.
- 2010 - 2013: CAAPS– Aleppo University, **Funded by the Syrian High education Ministry**, “Constructing Automatic analysis Algorithms for Physiological Signals”.

8. Bilimsel ve Mesleki Kuruluşlara Üyelikler

IEEE : Institute of Electrical and Electronics Engineers

9. Son iki yılda verdiğiniz lisans ve lisansüstü düzeydeki dersler için aşağıdaki tabloyu doldurunuz.

Akademik Yıl	Dönem	Dersin Adı	Haftalık Saati		Öğrenci Sayısı
			Teorik	Uygulama	
2015-2016	Güz	EEE205: Logic Design	3	2	61
		EEE307: Microprocessors	2	2	46
		EEE495: Senior Design Project I	3	0	3
		EEE512: Sensors & Signal Conditioning	3	0	35
		EEE490: Term Project	-	-	9
	İlkbahar	EEE308: Digital Signal Processing	3	0	41
		EEE496: Senior Design Project II	3	0	3
		EEE576: Signal Processing	3	0	40
		EEE490: Term Project	-	-	6
		EEE498: Seminar	2	0	15
		EEE499: Thesis	-	-	4
	BIL 599: Thesis	-	-	1	
Yaz	EEE576: Signal Processing	3	0	7	
2016-2017	Güz	EEE205: Logic Design	3	2	70
		EEE307: Microprocessors	2	2	57
		EEE495: Senior Design Project I	3	0	10
		EEE512: Sensors & Signal Conditioning	3	0	37
		EEE490: Term Project	-	-	10
		EEE499: Thesis	-	-	7
	İlkbahar	EEE312: Electrical Measurement & Instrumentation	3	0	37
		EEE496: Senior Design Project II	3	0	10

	EEE576: Signal Processing	3	0	7
	EEE490: Term Project	-	-	5
	EEE499: Thesis	-	-	6

Not: Açılmışsa, yaz döneminde verilen dersler de tabloya ilave edilecektir.

10. Yayınlar

(a) International Refereed Journals

- Hassan SHARABATY, Ghassan ALI HAMEED, Ertan ZENCİR “A Hybrid anti-collision protocol for RFID-based attendance system: A combination of DFSA with the predefined BFSAs”, **Journal of the National Science Foundation - ISSN 1391-4588**, October, **2017** (Accepted with revision – not published yet).
- Ertan Zencir, Aymen Mohammed Khaleel, Hassan SHARABATY, “Digital Power Estimation Using Subsampling Analog-to-Digital Converters for Communication Receivers”, **Journal of Analog Integrated Circuits and Signal Processing**, Springer, May, **2017** (submitted - under review).
- Mohammad Al Zawki, Hassan Sharabaty, “Iris Segmentation and Extraction in Eye Images Using Winner Filter”, **Indian Journal of Science and Technology**, May, **2017** (submitted - under review).
- Hassan SHARABATY, Louai CHACHATI and Alia HESSO, "Analytical study of gas sensor (MQ303A) to be used in electronic nose system, objective: classification of odors", **Research Journal of Aleppo Univ.**, Engineering Science Series, No. 109, Syria, **2012**
- Hassan SHARABATY, Abdelelah Naoulou, "Using Fuzzy logic in Analyzing Blink amplitude, Object: Improving driver drowsiness detection Algorithm", **Research Journal of Aleppo Univ.**, Engineering Science Series, No. 106, Syria, **2012**
- Bruno JAMMES, Hassan SHARABATY and Daniel ESTEVE, " Automatic EOG analysis: a first step toward automatic sleepiness scoring during wake-sleep transitions", **Somnology Journal: Sleep Research and Sleep Medicine**, Springerlink: Steinkopff, Germany , 13, 2008.

(b) Conference Papers

- Hassan SHARABATY, Omar KHAZRAJI, “Development of Dual Axis Solar Cells Tracking Prototype Based on PVC Foam Material”, 2018 World Congress on Circuits and Systems Conference, WORCAS'2018, Kuala Lumpur, Malaysia, **2018**.
- Hassan SHARABATY, Alaa Al-OBAIDI, “Multi Heart Diseases Classification Using Linear Prediction Coding and Discrete Wavelet Transform”, 2018 2nd Advanced Research in Engineering and Information Technology International Conference, AVAREIT 2018, Kuala Lumpur, Malaysia, **2018**.
- Hassan SHARABATY, Omar ALSHEAR, “EEG Signals Classification via DWT and ANN with Features Impact Study”, 2018 2nd Advanced Research in Engineering and Information Technology International Conference, AVAREIT 2018 - Kuala Lumpur, Malaysia, **2018**.

- Omar ALSHEAR, Hassan SHARABATY, "Classification of EEG signal using DWT and artificial neural network, with features impact study", IEEE Conference #42987 (2017 2nd-Al-Sadiq International conference on Multidisciplinary in IT and Communication Science and Technologies), Iraq, **2017**.
- Hassan SHARABATY et al., "EEG Analysis Using HHT: One Step Toward Automatic Drowsiness Scoring", IEEE Workshop on Bioinformatics and Life Science Modeling and Computing (BLSMC2008), Okinawa, Japan, 6p, **2008**.
- H.SHARABATY et al., "Alpha and theta wave localisation using Hilbert-Huang transform: empirical study of the accuracy", 2nd IEEE International Conference on Information & Communication Technologies: from Theory to Applications (ICTTA'06), Damascus (Syria) , 6p, 2006.

(c) Technical reports & thesis

- H. Sharabaty, " Diagnostic de la somnolence d'un opérateur: analyse automatique de signaux physiologiques ", Université Paul Sabatier, **France** , 160p, 2007.
- B.Jammes , H. Sharabaty et al., "Criteria for sleep and stress detection and data feature extraction algorithms", European Project IST SENSATION N° 507231, **Sweden, 87p**, 2006.
- B.Jammes , H. Sharabaty and D.Esteve, "Alpha and theta wave localisation in EEG signals: survey of existing algorithms" European Project IST SENSATION N° 507231, **Sweden, 17p**, 2005.
- H. Sharabaty, " Characterization of materials using the technique of "laser diode self-mixing interferometry"" , Electronic Laboratory (LEN7), **Toulouse University, France** , 62p, 2003.